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| (m                  | AL1         | WO 87/06378           | 10/1987                         | PCT  |                  |                            | Yes<br>No      |
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AUG 1 9 2004 Page 1 of 14 TRATE TRADE APPLICATION NO. ATTY. DOCKET NO. 1823.0680001 10/631,899 **FORM PTO-1449 INVENTORS** CANNON et al. INFORMATION DISCLOSURE STATEMENT **FILING DATE ART UNIT** 2623 August 1, 2003 **FOREIGN PATENT DOCUMENTS EXAMINER** SUB-CLASS TRANSLATION COUNTRY CLASS **DOCUMENT NUMBER** DATE INITIAL REF. N/A ar 03/1984 EP 0 101 772 A1 AA1 EP N/A 0 308 162 A2 & A3 03/1989 AB1 Cle N/A EP 4 0 379 333 A1 07/1990 AC1 N/A 0 379 333 B1 07/1995 EP AD1 cre OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Btt (Biometric Technology Today), Finger technologies contacts, 2 pages. AE1 Ue\_ Drake, M.D. et al., "Waveguide hologram fingerprint entry device," Optical Engineering, Vol. 35, No. 9, AF1 September 1996, pp. 2499-2505. Roethenbaugh, G. (ed.), Biometrics Explained, 1998, ICSA, pp. 1-34. AG1 Automated Identification Systems (visited May 20, 1999) <a href="http://www.trw.com/idsystems/bldgaccess2.html">http://www.trw.com/idsystems/bldgaccess2.html</a>, 1 AH1 page, Copyright 1999. Ultra-Scan Corporation Home Page (visited May 20, 1999) <a href="http://www.ultra-scan.com/index.htm">http://www.ultra-scan.com/index.htm</a>, 3 pages. Al1 (discusses technology as early as 1996) Profile (last updated August 16, 1998) <a href="http://www.dermalog.de/Britain/Profile/profile.htm">http://www.dermalog.de/Britain/Profile/profile.htm</a>, 3 pages. AJ1 (discusses technology as early as 1990) ID-Card System Technical Specifications (last updated July 18, 1998) <a href="http://dermalog.de/Britain/Products/ID-">http://dermalog.de/Britain/Products/ID-</a> AK1 Card/idcard2.htm>, 2 pages. Fujitsu Limited Products and Services (updated April 21, 1999) <a href="http://www.fujitsu.co.jp/hypertext/Products/index-e.html">http://www.fujitsu.co.jp/hypertext/Products/index-e.html</a>, 3 pages, Copyright 1995-1999. AL1

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| æ                | AF3   | KC-901:                | C-901: The KSI fingerprint sensor (visited May 17, 1999) <a href="http://www.kinetic.bc.ca/kc-901.html">http://www.kinetic.bc.ca/kc-901.html</a> , 3 pages. |   |                   |  |  |               |                                       |                  |  |
| œ                | AG3   | INTELNE                | NTELNET INC. (visited May 20, 1999) <a href="http://www.intelgate.com/index.html">http://www.intelgate.com/index.html</a> , 1 page, Copyright 1996.         |   |                   |  |  |               |                                       |                  |  |
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| ce_              | A14          | Veriprint 2100 Stand-Alone<br><a href="http://www.biometricid.co">http://www.biometricid.co</a>   | e <i>Fingerpr</i><br>m/veriprin   | int Ve<br>t2100   | nfication Terminal (visited htm>, 3 pages.                | April 27, 19 | 99)             |                 |  |  |
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| ce               | AK4          | The DERMALOG Check-li<br><a href="http://www.dermalog.de/g">http://www.dermalog.de/g</a>  | D (visited<br>ganzneu/p   | Nover<br>produc   | nber 12, 1999)<br>ts_check.html>, 1 page.                 |              |                 |                 |  |  |
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| U                   | AG5          | Welcome to the Homepage of Heimann Biometric Systems GMBH (visited June 4, 1998) <a href="http://www.hbs-ena.com/">http://www.hbs-ena.com/</a> , 1 page, Copyright 1998.   |   |   |   |  |                                  |                  |  |  |  |
| a                   | AH5          | Heimann Biometric System jena.com/company.htm>, 4  | ns <i>Corpor</i><br>1 pages, C  | ate Ov<br>Copyri  | verview (visited June 4 ght 1998.                   | , 1998) <http: <="" td=""><td>www.hbs-</td><td></td></http:> | www.hbs-                         |                  |  |  |  |
| a                   | AI5          | Remote Access Positive II bin/showproduct.exe?pro  | Dentification.emote+A   | on - ra   | PID (visited June 3, 1!<br>+Positive+IDentification | 998) <http: ww<br="">on+%2D+raPID</http:>                    | v.nec.com/cgi-<br>>, 2 pages, Co | pyright 1997.    |  |  |  |
| ~                   | AJ5          | Morpho DigiScan Cellular<br><a "="" href="http://www.morpho.com/fittp://www.&lt;/td&gt;&lt;td&gt;(visited Ju&lt;br&gt;products/la&lt;/td&gt;&lt;td&gt;ine 3,&lt;br&gt;aw_er&lt;/td&gt;&lt;td&gt;1998)&lt;br&gt;forcement/digiscan/ce&lt;/td&gt;&lt;td&gt;ellular.htm&gt;, 2 p&lt;/td&gt;&lt;td&gt;ages, Copyrigh&lt;/td&gt;&lt;td&gt;nt 1998.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;AK5&lt;/td&gt;&lt;td&gt;A.F.I.S. (last updated April&lt;/td&gt;&lt;td&gt;2, 1998)&lt;/td&gt;&lt;td&gt;&lt;http:&lt;/td&gt;&lt;td&gt;//www.dermalog.de/af&lt;/td&gt;&lt;td&gt;is.htm&gt;, 2 page&lt;/td&gt;&lt;td&gt;s.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;u&lt;/td&gt;&lt;td&gt;AL5&lt;/td&gt;&lt;td&gt;Morpho FlexScan Worksta&lt;br&gt;&lt;a href=" http:="" www.morpho.com="">http://www.morpho.com/</a> | ation (visite<br>products/l   | ed Jui<br>aw_er   | ne 3, 1998)<br>nforcement/flexscan/>,               | 2 pages, Copy  | right 1998.                      |                  |  |  |  |
| C                   | AM5          | True-ID® The LiveScan with special "ability", 2 pages.   |   |   |   |  |                                  |                  |  |  |  |
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| EXAMINER<br>INITIAL  | DOC.        | DOCUMENT NUMBER   | DATE  |          | COUNTRY  |             | CLASS         | SUB-CLASS         | TRANSLATION    |  |
| w  | AA6         | WO 87/02491 A1  | 04/1987   |          | PCT  |             |               |                   | N/A            |  |
| ~  | AB6         | WO 90/03620 A1  | 04/1990   |          | РСТ  |             |               |                   | > N/A          |  |
| el   | AC6         | WO 92/11608 A1  | 07/1992   |          | РСТ  |             |               |                   | N/A            |  |
| &/   | AD6         | WO 94/22371 A2 & A3   | 10/1994   |          | РСТ  |             |               |                   | N/A            |  |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |             |   |   |          |  |             |               |                   |                |  |
| cu   | .AE6        | Printrak International: User<br>pages, Copyright 1996.  | List (visit   | ed Jur   | ne 3, 1998) <http: td="" www<=""><td>w.printrak</td><td>kinternat</td><td>ional.com and</td><td>d links&gt;, 10</td></http:> | w.printrak  | kinternat     | ional.com and     | d links>, 10   |  |
| an   | AF6         | Live-Scan Products: Tenprinter® 1133S (visited April 23, 1999) <a href="http://www.digitalbiometrics.com/Products/tenprinter.htm">http://www.digitalbiometrics.com/Products/tenprinter.htm</a> , 4 pages. (Tenprinter 1133S released in 1996) |   |          |  |             |               |                   |                |  |
| 2  | AG6         | TouchPrint™ 600 Live-Sca<br><a href="http://www.identix.com/printment/">http://www.identix.com/printment/</a>   | TouchPrint™ 600 Live-Scan System (visited November 17, 1999)<br><a href="http://www.identix.com/products/livescan.htm">http://www.identix.com/products/livescan.htm</a> , 4 pages, Copyright 1996-1998. |          |  |             |               |                   |                |  |
|  | AH6         | Systems for Live-Scan Fin   | Systems for Live-Scan Fingerprinting, Digital Biometrics, Inc., 8 pages, Copyright 1998.  |          |  |             |               |                   |                |  |
| w  | Al6         | DBI FingerPrinter CMS, Di   | gital Biom  | netrics, | , Inc., 5 pages. (CMS ı  | released    | in 1998       | )                 |                |  |
| ~  | AJ6         | Fingerscan V20, Identix In  | corporate   | d, 1 pa  | age, Copyright 1999.   |             |               |                   |                |  |
| 2  | AK6         | Verid Fingerprint Reader,   | TSSI, 4 pa  | ages.    |  |             |               |                   |                |  |
| · ·  | AL6         | Response to Request for   | Informatio  | n, Cro   | ss Match Technologie   | es, Inc., 1 | 3 pages       | , April 14, 199   | 99.            |  |
| 7  | AM6         | Startek's Fingerprint Verification Products (visited November 17, 1999) <a href="http://www.startek.com.tw/product/index.html">http://www.startek.com.tw/product/index.html</a> , 1 page.   |   |          |  |             |               |                   |                |  |
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| a                | AA7   | WO 96/17480 A2 & A3   | 06/1996   |  | PCT ·   | •                   |                    |                   | N/A            |  |
| a                | AB7   | WO 97/29477 A1  | 08/1997   |  | PCT   |                     |                    |                   | N/A            |  |
| ce               | AC7   | WO 97/41528 A1  | 11/1997   |  | PCT   |                     |                    |                   | N/A            |  |
| ce               | AD7   | WO 98/09246 A1  | 03/1998   |  | РСТ   |                     |                    |                   | No             |  |
|                  |   | OTHER (Includin   | g Autho   | r, Tit   | le, Date, Pertinent F                               | Pages,              | etc.)              |                   |                |  |
| ce               | AE7   | Introduction to Startek's Fit<br><a href="http://www.startek.com.tw">http://www.startek.com.tw</a>  | ngerprint \<br>r/product/i  | /e <i>rifica</i><br>ndex2                                | ation Products (visited html>, 2 pages.             | Novem               | ber 17, 1          | 999)              |                |  |
| or               | AF7   | Automatic Fingerprint Identification Systems (visited November 17, 1999) <a href="http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm">http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm</a> , 1 page.  |   |  |   |                     |                    |                   |                |  |
| ou               | AG7   | Digital Biometrics Corporati<br><a href="http://www.digitalbiometricarry">http://www.digitalbiometricarry</a> as 1985)  | Digital Biometrics Corporate Information (visited November 17, 1999) <a href="http://www.digitalbiometrics.com/Corporate_info/Corporate_info.htm">http://www.digitalbiometrics.com/Corporate_info/Corporate_info.htm</a> , 2 pages. (discusses technology as early as 1985) |  |   |                     |                    |                   |                |  |
| C                | AH7   | DBI Live-Scan Products: C<br><a href="http://www.digitalblometri">http://www.digitalblometri</a>  | DBI Live-Scan Products: Digital Biometrics TENPRINTER (visited November 17, 1999) <a href="http://www.digitalblometrics.com/products/tenprinter.htm">http://www.digitalblometrics.com/products/tenprinter.htm</a> , 4 pages. (Tenprinter released in 1996)                  |  |   |                     |                    |                   |                |  |
| cen              | AI7   | DBI Live-Scan Products: A<br><a href="http://www.digitalbiometrical-right: 10px;">http://www.digitalbiometrical-right: 10px;</a>  | IETWORK<br>cs.com/pr  | (ING (   | OPTIONS (visited Nove<br>s/networking_options.h     | ember 1<br>ntm>, 3  | 7, 1999)<br>pages. |                   |                |  |
| a                | AJ7   | DBI Live-Scan Products: L<br><a href="http://www.digitalbiometricalbi&lt;/td&gt;&lt;td&gt;Digital Bion&lt;br&gt;cs.com/pr&lt;/td&gt;&lt;td&gt;netric:&lt;br&gt;oduct&lt;/td&gt;&lt;td&gt;s &lt;i&gt;FingerPrinter CMS&lt;/i&gt; (v&lt;br&gt;s/FingerPrinterCMS.ht&lt;/td&gt;&lt;td&gt;visited N&lt;br&gt;m&gt;, 3 pa&lt;/td&gt;&lt;td&gt;ovember&lt;br&gt;ages. (Cl&lt;/td&gt;&lt;td&gt;17, 1999)&lt;br&gt;MS released i&lt;/td&gt;&lt;td&gt;n 1998)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;(u&lt;/td&gt;&lt;td&gt;AK7&lt;/td&gt;&lt;td&gt;DBI Live-Scan Products: In&lt;br&gt;&lt;a href=" http:="" www.digitalblometriche"="">http://www.digitalblometriche</a> | mage Prin<br>cs.com/pr  | ter Sta<br>oduct   | ations (visited Novemb<br>s/imageprinter.htm>, 2    | per 17, 1<br>pages. | 999)               |                   |                |  |
| C                | AL7   | DBI Live-Scan Products: F<br><a href="http://www.digitalbiometrichen.com/">http://www.digitalbiometrichen.com/</a>  | FC-21 Fingics.com/pr  | <i>gerprir</i><br>roduct                                 | nt Capture Station (visi<br>s/Fingerprintcapture.ht | ted Nov<br>tm>, 2 p | ember 17<br>ages.  | 7, 1999)          |                |  |
| 4                | AM7. Series 400 OEM Scanner (visited November 17, 1999) <a href="http://www.ultra-scan.com/400.htm">http://www.ultra-scan.com/400.htm</a> , 3 pages. (Scanner released in 1996) |   |   |  |   |                     |                    |                   |                |  |
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| e                            | AA8          | WO 98/12670 A1  | 03/1998  |                  | PCT   |                        |                     | N/A              |  |  |  |
| a                            | AB8          | WO 99/12123 A1  | 03/1999  | )                | PCT   |                        |                     | N/A              |  |  |  |
| ~                            | AC8          | WO 99/26187 A1  | 05/1999  | )                | PCT   |                        |                     | N/A              |  |  |  |
| من                           | AD8          | WO 99/40535 A1  | 08/1999  |                  | PCT   |                        |                     | No               |  |  |  |
|                              | ·····        | OTHER (Includir   | ng Autho   | r, Tit           | le, Date, Pertinent F   | Pages, etc.)           |                     |                  |  |  |  |
| <u></u>                      | AE8          | USC Scanner Design (visit<br>(Scanner released in 1996  |  | nber 1           | 7, 1999) <http: td="" www.u<=""><td>ltra-scan.com/s</td><td>canner.htm&gt;, 4</td><td>4 pages.</td></http:>       | ltra-scan.com/s        | canner.htm>, 4      | 4 pages.         |  |  |  |
| a                            | AF8          | Series 500/600 Scanners (visited November 17, 1999) <a href="http://www.ultra-scan.com/500.htm">http://www.ultra-scan.com/500.htm</a> , 3 pages. (Scanner released in 1996)   |  |                  |   |                        |                     |                  |  |  |  |
| w                            | AG8          | Series 700 ID Station (visiting released in 1998)   | Series 700 ID Station (visited November 17, 1999) <a href="http://www.ultra-scan.com/700.htm">http://www.ultra-scan.com/700.htm</a> , 3 pages. (Scanner released in 1998)              |                  |   |                        |                     |                  |  |  |  |
| c                            | AH8          | Identix: The Corporation (Copyright 1996-1998.  | Identix: The Corporation (visited November 17, 1999) <a href="http://www.identix.com/corporate/home.htm">http://www.identix.com/corporate/home.htm</a> , 2 pages, Copyright 1996-1998. |                  |   |                        |                     |                  |  |  |  |
| <u></u>                      | AI8          | Biometric Imaging Produc<br>page, Copyright 1996-199  | <i>ts</i> (visited<br>8.   | Nove             | mber 17, 1999) <http: <="" td=""><td>www.identix.cor</td><td>n/products/bio</td><td>image.htm&gt;, 1</td></http:> | www.identix.cor        | n/products/bio      | image.htm>, 1    |  |  |  |
| a                            | AJ8          | TouchPrint™ 600 Live-Sc<br>4 pages, Copyright 1996-   | an Systen<br>1998.   | n (visit         | ed April 23, 1999) <htt< td=""><td>p://www.identix.</td><td>com/products/</td><td>livescan.htm&gt;,</td></htt<>   | p://www.identix.       | com/products/       | livescan.htm>,   |  |  |  |
| a                            | AK8          | TouchPrint™ 600 Palm S<br><a href="http://www.identix.com/p">http://www.identix.com/p</a>   | canner (vi   | sited I<br>almsc | November 17, 1999)<br>an.htm>, 3 pages, Cop   | yright 1996-199        | 8.                  |                  |  |  |  |
| a-                           | AL8          | TouchPrint™ 600 Card St<br><a href="http://www.identix.com/p">http://www.identix.com/p</a>  | can Syste<br>roducts/c   | m (vis<br>ardsca | ited November 17, 199<br>in.htm>, 3 pages, Copy   | 9)<br>yright 1996-1990 | 3.                  |                  |  |  |  |
| Cu                           | AM8          | AM8  DERMALOG KEY - The safest and easiest way of access control (Last updated July 18, 1998) <a href="http://www.dermalog.de/Britain/Products/Key/key.htm">http://www.dermalog.de/Britain/Products/Key/key.htm</a> , 1 page. |  |                  |   |                        |                     |                  |  |  |  |
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|                               | AA9         |  |  |   |                               |                     | No<br>Yes          |  |  |  |  |
|                               | AB9         |  |  |   |                               |                     | No<br>Yes          |  |  |  |  |
|                               | AC9         |  |  |   |                               |                     | No.                |  |  |  |  |
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|                               | AE9         | DERMALOG FINGER-ID <a href="http://www.dermalog.de/">http://www.dermalog.de/</a>   | Your smal<br>Britain/Pro   | ll size solution for high security<br>oducts/Finger/fingerid.htm>, 1  | / (Last updated page.         | July 18, 1998       | )                  |  |  |  |  |
| سري                           | AF9         | Mytec: Corporate (visited  | tec: Corporate (visited November 17, 1999) <a href="http://www.mytec.com/corporate/">http://www.mytec.com/corporate/</a> , 2 pages.  |   |                               |                     |                    |  |  |  |  |
|                               | AG9         | Kinetic Sciences Inc. Fing<br><a href="http://www.kinetlc.bc.ca/">http://www.kinetlc.bc.ca/</a>  | inetic Sciences Inc. Fingerprint Biometrics Division (visited November 17, 1999)<br>http://www.kinetlc.bc.ca/main-FPB.html>, 1 page. |   |                               |                     |                    |  |  |  |  |
| w                             | АН9         | Fingerprint Biometrics: So<br><a href="http://www.secugen.com">http://www.secugen.com</a>  | ecuring Th<br>n/pressrel.i   | e Next Generation, May 19, 19<br>htm>, 2 pages.                       | 999, (visited No              | vember 17, 19       | 999)               |  |  |  |  |
| ·                             | Al9         | Secugen Unveils Fully Fu<br>1999) <a eng"="" href="http://www.secug-&lt;/td&gt;&lt;td&gt;&lt;i&gt;inctional F&lt;/i&gt;&lt;br&gt;en.com/pr&lt;/td&gt;&lt;td&gt;ingerprint Recognition Solution essrel.htm&gt;, 3 pages.&lt;/td&gt;&lt;td&gt;&lt;i&gt;ns&lt;/i&gt;, May 11, 199&lt;/td&gt;&lt;td&gt;9, (visited No&lt;/td&gt;&lt;td&gt;vember 17,&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;0&lt;/td&gt;&lt;td&gt;AJ9&lt;/td&gt;&lt;td&gt;POLLEX Technology Ltd&lt;br&gt;&lt;a href=" http:="" www.pollex.ch="">http://www.pollex.ch/eng</a> | ., <i>The Exp</i><br>glish/produ   | ert in Fingerprint Identification<br>acts/pollog.htm>, 2 pages.       | - POLLog (visit               | ed November         | 17, 1999)          |  |  |  |  |
| cu                            | AK9         | Sony Fingerprint Identific<br><a href="http://www.losoftware.co">http://www.losoftware.co</a>  | ation Tem<br>om/biosols  | ninal (visited November 17, 199<br>s/sony/fiu/applications/fit100.htm | 99)<br>m>, 2 pages.           |                     |                    |  |  |  |  |
| <i>\</i>                      | AL9         | Sony Fingerprint Identific<br><a href="http://www.iosoftware.co">http://www.iosoftware.co</a>  | eation Unit<br>om/biosols  | (FIU-700) (visited November 1<br>s/sony/fiu70/index.htm>, 2 page      | 7, 1999)<br>es. (Unit availal | ole late 1999)      |                    |  |  |  |  |
| N                             | AM9         | Sony Fingerprint Identific<br><a href="http://www.iosoftware.co">http://www.iosoftware.co</a>  | cation Unit<br>om/biosols  | (visited November 17, 1999)<br>s/sony/flu/index.htm>, 3 pages.        |                               |                     |                    |  |  |  |  |
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|                     | F              | ORM PTO-1449   |  |                   | ENTORS<br>INON et al.   |  |                      |                                       |  |  |  |
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|                     | AA10           |  |  |                   |   |  |                      | Yes<br>No                             |  |  |  |
|                     | AB10           | ,  |  |                   |   |  |                      | Yes<br>No                             |  |  |  |
|                     | AC10           |  |  |                   |   |  |                      | Yes<br>No                             |  |  |  |
|                     | AD10           |  |  |                   |   |  |                      | Yes<br>No                             |  |  |  |
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| c                   | AH10           | Digital Descriptor System cpc.com/pages/profile.htm  | <i>is, IncPro</i><br>ni>, 3 pag  | ofile (vi:<br>es. | sited November 17, 19   | 99) <http: td="" www.<=""><td>.ddsi-</td><td></td></http:> | .ddsi-               |                                       |  |  |  |
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| w                   | AJ10           | Corporate Profile (visited   | Novembe  | er 17, 1          | 999) <http: td="" www.printr<=""><td>akinternational.</td><td>com/corporate</td><td>e.htm&gt;, 1 page.</td></http:> | akinternational.   | com/corporate        | e.htm>, 1 page.                       |  |  |  |
| con                 | AK10           | Printrak Products (visited<br>(Discusses technology a                                      | l Novembe<br>s early as  | er 17, 1<br>1974) | 999) <http: td="" www.printi<=""><td>rakinternational.</td><td>com/Products</td><td>s.htm&gt;, 1 page.</td></http:> | rakinternational.  | com/Products         | s.htm>, 1 page.                       |  |  |  |
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|                                  | F   | ORM PTO-1449  |   | INVENTORS  |                    | 1,000                |                 |  |  |  |
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|                                  | AA11  |   |   |  |                    |                      | No.             |  |  |  |
|                                  | AB11  |   |   |  |                    | ;                    | Yes<br>No       |  |  |  |
|                                  | AC11  |   |   |  |                    |                      | Yes<br>No       |  |  |  |
|                                  | AD11  |   | <del> </del>  |  |                    |                      | Yes             |  |  |  |
|                                  | ווטא  | OTHER (Includia   | ng Author   | r, Title, Date, Pertinent P  | ages, etc.)        | <u></u>              | No.             |  |  |  |
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| e                                | AM11 Cross Match Technologies, Inc Products Overview (visited March 25, 1999) <a href="http://www.crossmatch.net/new/products/product-index.html">http://www.crossmatch.net/new/products/product-index.html</a> , 1 page. |   |   |  |                    |                      |                 |  |  |  |
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|                               | AA12         |   |  |  |  |                             |  |                  | No               |  |  |
|                               | AB12         |   |  |  |  |                             |  |                  | Yes<br>No        |  |  |
|                               | AC12         |   |  |  |  |                             |  |                  | Yes<br>No        |  |  |
|                               | AD12         |   |  |  |  |                             |  |                  | Yes<br>No        |  |  |
|                               | ·            | OTHER (Includin   | g Autho  | r, Titl  | e, Date, Pertinent                           | Pages, e                    | tc.)   |                  |                  |  |  |
| $\sim$                        | AE12         | Cross Match Technologies, <a href="http://www.crossmatch.ne"></a>                                   | , Inc Las<br>ot/new/law  | w Enfo<br>/law-ir  | ncement Systems (vindex.html>, 2 pages.      | isited March                | h 25, 1!   | 999)             |                  |  |  |
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| a                             | AH12         | Cross Match Technologies<br><a href="http://www.crossmatch.ne">http://www.crossmatch.ne</a>         | s, Inc Su<br>et/new/sup  | pport<br>port/s  | (visited March 25, 19<br>upport-index.html>, | 199)<br>1 page.             |  |                  |                  |  |  |
| an                            | Al12         | Cross Match Technologies<br>1999) <a href="http://www.crossmath.com/">http://www.crossmath.com/</a> | s, <i>Inc Ne</i><br>atch.net/n   | ews - F<br>ew/ne   | Press Releases - Ven<br>ws/news-pr-050798.l  | ifier 400 Pn<br>html>, 1 pa | ess Re<br>ge.                                      | lease (visited   | March 25,        |  |  |
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| INFOR          | MATION       | DISCLOSURE STATEMEN  | <u>IT</u>                | CANNON et al. FILING DATE ART UNIT |  |                                  |                                   |                  |  |
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|                | AA13         |  |                          |                                    |  |                                  |                                   | No               |  |
|                | AB13         |  |                          |                                    | _  |                                  |                                   | Yes<br>No        |  |
|                | AC13         |  |                          |                                    |  |                                  |                                   | Yes<br>No        |  |
|                | AD13         |  |                          |                                    |  |                                  |                                   | Yes<br>No        |  |
|                | <u> </u>     | OTHER (Including   | g Autho                  | r, Titi                            | e, Date, Pertinent P                             | Pages, etc.)                     |                                   |                  |  |
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|                  | 1            |  |                        |                         |                             |                   |                     | No<br>Yes        |  |
|                  | AB14         |  | ļ                      |                         |                             |                   |                     | No<br>Yes        |  |
|                  | AC14         |  |                        |                         |                             |                   | -                   | No<br>Yes        |  |
|                  | AD14         |  |                        |                         |                             |                   |                     | No<br>No         |  |
|                  | 1            | OTHER (Includir  | ng Autho               | r, Tit                  | le, Date, Pertinent P       | ages, etc.)       |                     |                  |  |
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## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

System and Method for Counting Ridges in a Captured Print **Image** 

**Application Number:** 

10/631899

Confirmation Number:

9805

First Named Applicant:

**Gregory CANNON** 

Attorney Docket Number: 1823.0680001

Art Unit:

2623

Examiner:

Chong R. Kim

Search string:

( D348445 or D351144 or 2500017 or 3200701 or 3475588 or 3482498 or 3495259 or 3527535 or 3540025 or 3617120 or 3699519 or 3906520 or 3947128 or 3968476 or 3975711 or 4032975 or 4063226 or 4120585 or 4152056 or 4209481 or 4210899 or 4253086 or 4322163 or 4414684 or 4537484 or 4553837 or 4544267 or 4601195 or 4669487 or 4681435 or 4684802 or 4701772 or 4783823 or 4784484 or 4792226 or 4811414 or 4876726 or 4905293 or 4924085 or 4933976 or 4942482 or 4946276 or 4995086 or 5054090 or 5067162 or 5067749 or 5131038 or 5146102 or 5157497 or 5185673 or 5187747 or 5210588 or 5222152 or 5222153 or 5230025 or 5233404 or 5249370 or 5253085 or 5261266 or 5285293 or 5291318 or 5351127 or 5363318 or 5384621 or 5412463 or 5416573 or 5448649 or 5467403 or 5469506 or 5471240 or 5473144 or 5483601 or 5509083 or 5517528 or 5528355 or 5548394 or 5591949 or 5596454 or 5598474 or 5613014 or 5615277 or 5625448 or 5640422 or 5649128 or 5650842 or 5661451 or 5680205 or 5689529 or 5717777 or 5729334 or 5736734 or 5745684 or 5748766 or 5748768 or 5755748 or 5757278 or 5767989 or 5778089 or 5781647 or 5793218 or 5801681 or 5805777 or 5809172 or 5812067 or 5815252 or 5818956 or 5822445 or 5825005 or 5825474 or 5828773 or 5832244 or 5848231 or 5855433 or 5859420 or 5859710 or 5862247 or 5867802 or 5872834 or 5892599 or 5900993

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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| 6    | 9        | 3540025    | 1970-11-10 | Levin et al.      |      |       |          |
| Q    | 10       | 3617120    | 1971-11-02 | Roka              |      |       |          |
|      | 11       | 3699519    | 1972-10-17 | Campbell          |      | •     |          |
| Ç    | 12       | 3906520    | 1975-09-16 | Phillips          |      |       |          |
| C    | 13       | 3947128    | 1976-03-30 | Weinberger et al. |      |       |          |
| حو   | - 14     | 3968476    | 1976-07-06 | McMahon           |      |       |          |
| 9    | 15       | 3975711    | 1976-08-17 | McMahon           |      |       |          |
| ~    | 16       | 4032975    | 1977-06-28 | Malueg et al.     |      |       |          |
| ~    | 17       | 4063226    | 1977-12-13 | Kozma et al.      |      |       |          |
| 7    | 18       | 4120585    | 1978-10-17 | DePalma et al.    |      |       |          |
| ح    | 19       | 4152056    | 1979-05-01 | Fowler            |      |       |          |
|      | 20       | 4209481    | 1980-06-24 | Kashiro et al.    |      |       |          |
| ٦    | 21       | 4210899    | 1980-07-01 | Swonger et al.    |      |       |          |
| 9    | 22       | 4253086    | 1981-02-24 | Szwarcbier        |      |       |          |
|      | 23       | 4322163    | 1982-03-30 | Schiller          |      |       |          |
|      |          |            |            |                   |      |       |          |

| ı        |      |         |            |                      |  |
|----------|------|---------|------------|----------------------|--|
| a        | 24   | 4414684 | 1983-11-08 | Blonder              |  |
| es [     | 25   | 4537484 | 1985-08-27 | Fowler et al.        |  |
| and      | 26   | 4553837 | 1985-11-19 | Marcus               |  |
| a        | 27   | 4544267 | 1985-10-01 | Schiller             |  |
| Cr       | 28   | 4601195 | 1986-07-22 | Garritano            |  |
|          | 29   | 4669487 | 1987-06-02 | Frieling             |  |
| ٤        | 30   | 4681435 | 1987-07-21 | Kubota et al.        |  |
| حر       | 31   | 4684802 | 1987-08-04 | Hakenewerth et al.   |  |
| الوا     | 32   | 4701772 | 1987-10-20 | Anderson et al.      |  |
| 7        | 33   | 4783823 | 1988-11-08 | Tasaki et al.        |  |
| 2        | 34   | 4784484 | 1988-11-15 | Jensen               |  |
| a        | 35   | 4792226 | 1988-12-20 | Fishbine et al.      |  |
| 72       | 36   | 4811414 | 1989-03-07 | Fishbine et al.      |  |
| اي       | 37   | 4876726 | 1989-10-24 | Capello et al.       |  |
| 7        | 38   | 4905293 | 1990-02-27 | Asai et al.          |  |
| جِ [     | 39   | 4924085 | 1990-05-08 | Kato et al.          |  |
|          | 40   | 4933976 | 1990-06-12 | Fishbine et al.      |  |
|          | 41   | 4942482 | 1990-07-17 | Kakinuma et al.      |  |
|          | 42   | 4946276 | 1990-08-07 | Chilcott             |  |
| W        | 43   | 4995086 | 1991-02-19 | Lilley et al.        |  |
|          | 44   | 5054090 | 1991-10-01 | Knight et al.        |  |
| <u></u>  | _ 45 | 5067162 | 1991-11-19 | Driscoll, Jr. et al. |  |
|          | 46   | 5067749 | 1991-11-26 | Land                 |  |
| ا ا      | 47   | 5131038 | 1992-07-14 | Puhl et al.          |  |
|          | 48   | 5146102 | 1992-09-08 | Higuchi et al.       |  |
|          | 49   | 5157497 | 1992-10-20 | Topper et al.        |  |
| ر ا      | 50   | 5185673 | 1993-02-09 | Sobol                |  |
| الما     | 51   | 5187747 | 1993-02-16 | Capello et al.       |  |
|          | 52   | 5210588 | 1993-05-11 | Lee                  |  |
| <u>ا</u> | 53   | 5222152 | 1993-06-22 | Fishbine et al.      |  |
| <u>u</u> | 54   | 5222153 | 1993-06-22 | Beiswenger           |  |
|          | 55   | 5230025 | 1993-07-20 | Fishbine et al.      |  |
|          | - 56 | 5233404 | 1993-08-03 | Lougheed et al.      |  |
| 0        | 57   | 5249370 | 1993-10-05 | Stanger et al.       |  |
| af       | 58   | 5253085 | 1993-10-12 | Maruo et al.         |  |
| ie       | 59   | 5261266 | 1993-11-16 | Lorenz et al.        |  |
|          |      |         |            |                      |  |

| 60 5285293 1994-02-08 Webb et al.  61 5291318 1994-03-01 Genovese  C 62 5351127 1994-09-27 King et al.  63 5363318 1994-11-08 McCauley  64 5384621 1995-01-24 Hatch et al.  65 5412463 1995-05-02 Sibbald et al.  66 5416573 1995-05-16 Sartor, Jr.  67 5448649 1995-09-05 Chen et al.  68 5467403 1995-11-14 Fishbine et al.  69 5469506 1995-11-21 Berson et al.  70 5471240 1995-11-28 Prager et al.  71 5473144 1995-12-05 Mathurin, Jr.  72 5483601 1996-01-09 Faulkner  73 5509083 1996-04-16 Abtahi et al.  74 5517528 1996-05-14 Johnson  75 5528355 1996-06-18 Maase et al.  76 5548394 1996-08-20 Giles et al.  77 5591949 1997-01-07 Bernstein  78 5596454 1997-01-21 Hebert  79 5598474 1997-01-28 Johnson  80 5613014 1997-03-18 Eshera et al.  81 5615277 1997-03-25 Hoffman  82 5625448 1997-04-29 Ranalli et al.  83 5640422 1997-04-29 Ranalli et al.  84 5649128 1997-07-15 Hartley  85 5650842 1997-07-15 Hartley  86 5660451 1997-09-20 Borza  87 5680205 1997-10-21 Borza  88 5689529 1997-11-18 Johnson  89 5717777 1998-02-10 Wong et al.  90 5729334 1998-03-17 Van Ruyven  91 5736734 1998-04-07 Marcus et al.  92 5745684 1998-04-07 Marcus et al.  93 5748766 1998-05-05 Maase et al.  94 5748768 1998-05-05 Sivers et al. | t           |         |            |                 |
|---|-------------|---------|------------|-----------------|
| Cu         62         5351127         1994-09-27         King et al.           Cu         63         5363318         1994-11-08         McCauley           Cu         64         5384621         1995-01-24         Hatch et al.           Cu         65         5412463         1995-05-02         Sibbald et al.           Cu         66         5416573         1995-05-16         Sartor, Jr.           Cu         67         5448649         1995-09-05         Chen et al.           Cu         68         5467403         1995-11-14         Fishbine et al.           Cu         69         5469506         1995-11-21         Berson et al.           Cu         69         5469506         1995-11-28         Prager et al.           Cu         70         5471240         1995-11-28         Prager et al.           Cu         71         5473144         1995-12-05         Mathurin, Jr.           Te         72         5483601         1996-01-09         Faulkner           Te         73         5509083         1996-05-14         Johnson           Description         74         5517528         1996-05-14         Johnson           Cu         76         <  | 60          | 5285293 | 1994-02-08 | Webb et al.     |
| C         63         5363318         1994-11-08         McCauley           C         64         5384621         1995-01-24         Hatch et al.           C         65         5412463         1995-05-02         Sibbald et al.           C         66         5416573         1995-05-16         Sartor, Jr.           C         67         5448649         1995-09-05         Chen et al.           C         68         5467403         1995-11-14         Fishbine et al.           C         69         5469506         1995-11-21         Berson et al.           C         69         5469506         1995-11-28         Prager et al.           C         70         5471240         1995-11-28         Prager et al.           C         71         5473144         1995-12-05         Mathurin, Jr.           T         72         5483601         1996-01-09         Faulkner           A         73         5509083         1996-04-16         Abtahi et al.           d         74         5517528         1996-05-14         Johnson           T         5528355         1996-08-20         Giles et al.           C         76         5548394         1997-01-0  | 61          | 5291318 | 1994-03-01 | Genovese        |
| C         64         5384621         1995-01-24         Hatch et al.           C         65         5412463         1995-05-02         Sibbald et al.           C         66         5416573         1995-05-01         Sartor, Jr.           C         67         5448649         1995-09-05         Chen et al.           C         68         5467403         1995-11-14         Fishbine et al.           C         69         5469506         1995-11-21         Berson et al.           C         70         5471240         1995-11-28         Prager et al.           C         71         5473144         1995-12-05         Mathurin, Jr.           T         72         5483601         1996-01-09         Faulkner           A         73         5509083         1996-01-09         Faulkner           A         74         5517528         1996-05-14         Johnson           A         75         5528355         1996-06-18         Maase et al.           C         76         5548394         1997-01-07         Bernstein           A         77         5591949         1997-01-21         Hebert           C         78         5596454  | Cu- 62      | 5351127 | 1994-09-27 | King et al.     |
| C 65 5412463 1995-05-02 Sibbald et al.  66 5416573 1995-05-16 Sartor, Jr.  67 5448649 1995-09-05 Chen et al.  68 5467403 1995-11-14 Fishbine et al.  69 5469506 1995-11-21 Berson et al.  70 5471240 1995-12-05 Mathurin, Jr.  71 5473144 1995-12-05 Mathurin, Jr.  72 5483601 1996-01-09 Faulkner  73 5509083 1996-04-16 Abtahi et al.  74 5517528 1996-05-14 Johnson  75 5528355 1996-06-18 Maase et al.  67 75 55948394 1996-08-20 Giles et al.  77 5591949 1997-01-07 Bernstein  78 5596454 1997-01-21 Hebert  79 5598474 1997-01-28 Johnson  80 5613014 1997-03-18 Eshera et al.  81 5615277 1997-03-25 Hoffman  82 5625448 1997-04-29 Ranalli et al.  83 5640422 1997-06-17 Johnson  84 5649128 1997-07-15 Hartley  85 5650842 1997-07-12 Borza  86 5661451 1997-07-22 Maase et al.  87 5680205 1997-10-21 Borza  88 5689529 1997-11-18 Johnson  89 5717777 1998-02-10 Wong et al.  90 5729334 1998-03-17 Van Ruyven  91 5736734 1998-04-28 Oskouy et al.  92 5745684 1998-05-05 Maase et al.   | <b>C</b> 63 | 5363318 | 1994-11-08 | McCauley        |
| 66         5416573         1995-05-16         Sartor, Jr.           67         5448649         1995-09-05         Chen et al.           68         5467403         1995-11-14         Fishbine et al.           69         5469506         1995-11-21         Berson et al.           70         5471240         1995-11-28         Prager et al.           71         5473144         1995-12-05         Mathurin, Jr.           72         5483601         1996-01-09         Faulkner           73         5509083         1996-04-16         Abtahi et al.           4         74         5517528         1996-05-14         Johnson           4         75         5528355         1996-06-18         Maase et al.           6         76         5548394         1996-08-20         Giles et al.           6         77         5591949         1997-01-07         Bernstein           78         5596454         1997-01-21         Hebert           79         5598474         1997-01-28         Johnson           80         5613014         1997-03-18         Eshera et al.           81         5615277         1997-03-25         Hoffman           82  | (C) 64      | 5384621 | 1995-01-24 | Hatch et al.    |
| C→ 67 5448649 1995-09-05 Chen et al.  68 5467403 1995-11-14 Fishbine et al.  69 5469506 1995-11-21 Berson et al.  70 5471240 1995-11-28 Prager et al.  71 5473144 1995-12-05 Mathurin, Jr.  72 5483601 1996-01-09 Faulkner  73 5509083 1996-04-16 Abtahi et al.  74 5517528 1996-05-14 Johnson  75 5528355 1996-06-18 Maase et al.  C→ 76 5548394 1996-08-20 Giles et al.  77 5591949 1997-01-07 Bernstein  78 5596454 1997-01-21 Hebert  79 5598474 1997-01-21 Hebert  79 5598474 1997-03-18 Eshera et al.  81 5615277 1997-03-25 Hoffman  2 82 5625448 1997-04-29 Ranalli et al.  2 83 5640422 1997-06-17 Johnson  84 5649128 1997-07-15 Hartley  85 5650842 1997-07-15 Hartley  86 5661451 1997-08-26 Pollag  87 5680205 1997-10-21 Borza  88 5689529 1997-11-18 Johnson  2 90 5729334 1998-03-17 Van Ruyven  91 5736734 1998-04-07 Marcus et al.  92 5745684 1998-04-07 Marcus et al.  93 5748766 1998-05-05 Sivers et al.  | C 65        | 5412463 | 1995-05-02 | Sibbald et al.  |
| C→         68         5467403         1995-11-14         Fishbine et al.           C→         69         5469506         1995-11-21         Berson et al.           C→         70         5471240         1995-11-28         Prager et al.           C→         71         5473144         1995-12-05         Mathurin, Jr.           T         72         5483601         1996-01-09         Faulkner           T         72         5483601         1996-01-09         Faulkner           T         72         5483601         1996-04-16         Abtahi et al.           A         74         5517528         1996-05-14         Johnson           T         5528355         1996-06-18         Maase et al.           C→         76         5548394         1996-08-20         Giles et al.           C→         76         5548394         1996-08-20         Giles et al.           C→         77         5591949         1997-01-07         Bernstein           C→         78         5596454         1997-01-21         Hebert           C→         79         5598474         1997-03-28         Hoffman           C→         81         5615277         1997-03-25 <td>c 66</td> <td>5416573</td> <td>1995-05-16</td> <td>Sartor, Jr.</td>  | c 66        | 5416573 | 1995-05-16 | Sartor, Jr.     |
| C         69         5469506         1995-11-21         Berson et al.           →         70         5471240         1995-11-28         Prager et al.           →         71         5473144         1995-12-05         Mathurin, Jr.           →         72         5483601         1996-01-09         Faulkner           →         73         5509083         1996-04-16         Abtahi et al.           →         74         5517528         1996-05-14         Johnson           →         75         5528355         1996-06-18         Maase et al.           C         76         5548394         1996-08-20         Giles et al.           ←         77         5591949         1997-01-07         Bernstein           →         78         5596454         1997-01-21         Hebert           →         79         5598474         1997-01-28         Johnson           →         80         5613014         1997-03-18         Eshera et al.           →         81         5615277         1997-03-25         Hoffman           →         82         5625448         1997-06-17         Johnson           →         83         5649128         1997-07-15 </td <td>G 67</td> <td>5448649</td> <td>1995-09-05</td> <td>Chen et al.</td>    | G 67        | 5448649 | 1995-09-05 | Chen et al.     |
| 70 5471240 1995-11-28 Prager et al.  71 5473144 1995-12-05 Mathurin, Jr.  72 5483601 1996-01-09 Faulkner  73 5509083 1996-04-16 Abtahi et al.  74 5517528 1996-05-14 Johnson  75 5528355 1996-06-18 Maase et al.  76 5548394 1996-08-20 Giles et al.  77 5591949 1997-01-07 Bernstein  78 5596454 1997-01-21 Hebert  79 5598474 1997-01-28 Johnson  80 5613014 1997-03-18 Eshera et al.  81 5615277 1997-03-18 Eshera et al.  82 5625448 1997-04-29 Ranalli et al.  83 5640422 1997-06-17 Johnson  84 5649128 1997-07-15 Hartley  85 5650842 1997-07-22 Maase et al.  86 5661451 1997-08-26 Pollag  87 5680205 1997-10-21 Borza  88 5689529 1997-11-18 Johnson  89 5717777 1998-02-10 Wong et al.  90 5729334 1998-03-17 Van Ruyven  91 5736734 1998-04-07 Marcus et al.  92 5745684 1998-05-05 Maase et al.  | CA 68       | 5467403 | 1995-11-14 | Fishbine et al. |
| 71         5473144         1995-12-05         Mathurin, Jr.           72         5483601         1996-01-09         Faulkner           73         5509083         1996-04-16         Abtahi et al.           4         74         5517528         1996-05-14         Johnson           75         5528355         1996-06-18         Maase et al.           6         76         5548394         1996-08-20         Giles et al.           6         77         5591949         1997-01-07         Bernstein           78         5596454         1997-01-21         Hebert           79         5598474         1997-01-28         Johnson           80         5613014         1997-03-18         Eshera et al.           81         5615277         1997-03-25         Hoffman           82         5625448         1997-04-29         Ranalli et al.           83         5640422         1997-06-17         Johnson           84         5649128         1997-07-15         Hartley           85         5650842         1997-07-22         Maase et al.           87         5680205         1997-10-21         Borza           88         5689529         1997-11-   | 69          | 5469506 | 1995-11-21 | Berson et al.   |
| 72 5483601 1996-01-09 Faulkner 73 5509083 1996-04-16 Abtahi et al. 74 5517528 1996-05-14 Johnson 75 5528355 1996-06-18 Maase et al. 76 5548394 1996-08-20 Giles et al. 77 5591949 1997-01-07 Bernstein 78 5596454 1997-01-21 Hebert 79 5598474 1997-01-28 Johnson 80 5613014 1997-03-18 Eshera et al. 81 5615277 1997-03-25 Hoffman 82 5625448 1997-04-29 Ranalli et al. 83 5640422 1997-06-17 Johnson 84 5649128 1997-07-15 Hartley 85 5650842 1997-07-22 Maase et al. 86 5661451 1997-08-26 Pollag 87 5680205 1997-10-21 Borza 88 5689529 1997-11-18 Johnson 89 5717777 1998-02-10 Wong et al. 90 5729334 1998-03-17 Van Ruyven 91 5736734 1998-04-07 Marcus et al. 92 5745684 1998-04-07 Marcus et al. 93 5748766 1998-05-05 Maase et al.  | 70          | 5471240 | 1995-11-28 | Prager et al.   |
| 73 5509083 1996-04-16 Abtahi et al.  74 5517528 1996-05-14 Johnson  75 5528355 1996-06-18 Maase et al.  76 5548394 1996-08-20 Giles et al.  77 5591949 1997-01-07 Bernstein  78 5596454 1997-01-21 Hebert  79 5598474 1997-01-28 Johnson  80 5613014 1997-03-18 Eshera et al.  81 5615277 1997-03-25 Hoffman  82 5625448 1997-04-29 Ranalli et al.  83 5640422 1997-06-17 Johnson  84 5649128 1997-07-15 Hartley  85 5650842 1997-07-22 Maase et al.  86 5661451 1997-08-26 Pollag  87 5680205 1997-10-21 Borza  88 5689529 1997-11-18 Johnson  89 5717777 1998-02-10 Wong et al.  90 5729334 1998-03-17 Van Ruyven  91 5736734 1998-04-07 Marcus et al.  92 5745684 1998-04-08 Oskouy et al.  93 5748766 1998-05-05 Maase et al.   | c 71        | 5473144 | 1995-12-05 | Mathurin, Jr.   |
| 74 5517528 1996-05-14 Johnson 75 5528355 1996-06-18 Maase et al. 76 5548394 1996-08-20 Giles et al. 77 5591949 1997-01-07 Bernstein 78 5596454 1997-01-21 Hebert 79 5598474 1997-01-28 Johnson 80 5613014 1997-03-18 Eshera et al. 81 5615277 1997-03-25 Hoffman 82 5625448 1997-04-29 Ranalli et al. 83 5640422 1997-06-17 Johnson 84 5649128 1997-07-15 Hartley 85 5650842 1997-07-22 Maase et al. 86 5661451 1997-08-26 Pollag 87 5680205 1997-10-21 Borza 88 5689529 1997-11-18 Johnson 89 5717777 1998-02-10 Wong et al. 90 5729334 1998-03-17 Van Ruyven 91 5736734 1998-04-07 Marcus et al. 92 5745684 1998-04-07 Marcus et al. 93 5748766 1998-05-05 Maase et al.   | 72          | 5483601 | 1996-01-09 | Faulkner        |
| 75 5528355 1996-06-18 Maase et al.  76 5548394 1996-08-20 Giles et al.  77 5591949 1997-01-07 Bernstein  78 5596454 1997-01-21 Hebert  79 5598474 1997-01-28 Johnson  80 5613014 1997-03-18 Eshera et al.  81 5615277 1997-03-25 Hoffman  82 5625448 1997-04-29 Ranalli et al.  83 5640422 1997-06-17 Johnson  84 5649128 1997-07-15 Hartley  85 5650842 1997-07-22 Maase et al.  86 5661451 1997-08-26 Pollag  87 5680205 1997-10-21 Borza  88 5689529 1997-11-18 Johnson  89 5717777 1998-02-10 Wong et al.  90 5729334 1998-03-17 Van Ruyven  91 5736734 1998-04-07 Marcus et al.  92 5745684 1998-04-08 Oskouy et al.  93 5748766 1998-05-05 Maase et al.   | 73          | 5509083 | 1996-04-16 | Abtahi et al.   |
| C√       76       5548394       1996-08-20       Giles et al.         C√       77       5591949       1997-01-07       Bernstein         √       78       5596454       1997-01-21       Hebert         √       79       5598474       1997-01-28       Johnson         √       80       5613014       1997-03-18       Eshera et al.         √       81       5615277       1997-03-25       Hoffman         √       82       5625448       1997-04-29       Ranalli et al.         √       83       5640422       1997-06-17       Johnson         √       84       5649128       1997-07-15       Hartley         √       85       5650842       1997-07-22       Maase et al.         √       86       5661451       1997-08-26       Pollag         √       87       5680205       1997-10-21       Borza         √       88       5689529       1997-11-18       Johnson         √       89       5717777       1998-02-10       Wong et al.         √       90       5729334       1998-03-17       Van Ruyven         √       91       5736734       1998-04-07       Marcus et   | d 74        | 5517528 | 1996-05-14 | Johnson         |
| 77         5591949         1997-01-07         Bernstein           78         5596454         1997-01-21         Hebert           79         5598474         1997-01-28         Johnson           80         5613014         1997-03-18         Eshera et al.           81         5615277         1997-03-25         Hoffman           82         5625448         1997-04-29         Ranalli et al.           83         5640422         1997-06-17         Johnson           84         5649128         1997-07-15         Hartley           85         5650842         1997-07-22         Maase et al.           86         5661451         1997-08-26         Pollag           87         5680205         1997-10-21         Borza           88         5689529         1997-11-18         Johnson           89         5717777         1998-02-10         Wong et al.           90         5729334         1998-03-17         Van Ruyven           91         5736734         1998-04-28         Oskouy et al.           93         5745684         1998-05-05         Maase et al.           94         5748768         1998-05-05         Sivers et al.   | 75          | 5528355 | 1996-06-18 | Maase et al.    |
| 78 5596454 1997-01-21 Hebert 79 5598474 1997-01-28 Johnson 80 5613014 1997-03-18 Eshera et al. 81 5615277 1997-03-25 Hoffman 82 5625448 1997-04-29 Ranalli et al. 83 5640422 1997-06-17 Johnson 84 5649128 1997-07-15 Hartley 85 5650842 1997-07-22 Maase et al. 86 5661451 1997-08-26 Pollag 87 5680205 1997-10-21 Borza 88 5689529 1997-11-18 Johnson 89 5717777 1998-02-10 Wong et al. 90 5729334 1998-03-17 Van Ruyven 91 5736734 1998-04-07 Marcus et al. 92 5745684 1998-04-28 Oskouy et al. 93 5748766 1998-05-05 Maase et al.   | C 76        | 5548394 | 1996-08-20 | Giles et al.    |
| 79         5598474         1997-01-28         Johnson           80         5613014         1997-03-18         Eshera et al.           81         5615277         1997-03-25         Hoffman           82         5625448         1997-04-29         Ranalli et al.           83         5640422         1997-06-17         Johnson           84         5649128         1997-07-15         Hartley           85         5650842         1997-07-22         Maase et al.           86         5661451         1997-08-26         Pollag           87         5680205         1997-10-21         Borza           88         5689529         1997-11-18         Johnson           89         5717777         1998-02-10         Wong et al.           90         5729334         1998-03-17         Van Ruyven           91         5736734         1998-04-07         Marcus et al.           92         5745684         1998-04-28         Oskouy et al.           93         5748766         1998-05-05         Maase et al.           94         5748768         1998-05-05         Sivers et al.  | a 77        | 5591949 | 1997-01-07 | Bernstein       |
| 80       5613014       1997-03-18       Eshera et al.         81       5615277       1997-03-25       Hoffman         82       5625448       1997-04-29       Ranalli et al.         83       5640422       1997-06-17       Johnson         84       5649128       1997-07-15       Hartley         85       5650842       1997-07-22       Maase et al.         86       5661451       1997-08-26       Pollag         87       5680205       1997-10-21       Borza         88       5689529       1997-11-18       Johnson         89       5717777       1998-02-10       Wong et al.         90       5729334       1998-03-17       Van Ruyven         91       5736734       1998-04-07       Marcus et al.         92       5745684       1998-04-28       Oskouy et al.         93       5748766       1998-05-05       Maase et al.         94       5748768       1998-05-05       Sivers et al.  | 78          | 5596454 | 1997-01-21 | Hebert          |
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